CIVIL, ENVIRONMENTAL, AND CONSTRUCTION ENGINEERS
Traditionally, one of the broadest of engineering disciplines, civil, environmental, and construction Engineering at Texas Tech has recently expanded its curriculum to encompass even more academic options in response to societal needs. In addition to the bachelor’s degree based on structural, environmental, geotechnical, transportation, construction, and water resources, students now have opportunities for course work and research experience leading to masters and doctoral degrees in civil engineering, a master’s degree in environmental engineering, and a graduate certificate in construction engineering and management.

DEGREES
• Bachelor of Science in Civil Engineering
• Bachelor of Science in Environmental Engineering
• Bachelor of Science in Construction Engineering
• Graduate Certificate in Construction Engineering and Management
• Master of Science in Civil Engineering
• Master of Environmental Engineering
• Doctor of Philosophy in Civil Engineering

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RESEARCH
The department encourages undergraduate students to gain research experience in cutting edge technologies, working alongside faculty and graduate students in research centers:
• Center for Multidisciplinary Research in Transportation (TechMRT)
• Murdough Center for Engineering Professionalism and National Institute for Engineering Ethics (NIEE)
• National Wind Institute (NWI)
• Water Resources Center (WRC)

UNDERGRADUATE PROGRAMS (B.S.C.E. AND B.S.CON.E.)
Students pursuing a Bachelor of Science in civil engineering degree receive training in basic sciences, engineering mechanics, general education, and design experience including the five sub-disciplines: structural engineering, transportation engineering, water resources engineering, geotechnical engineering, and environmental engineering.

The Bachelor of Science in construction engineering curriculum provides two emphases from which students can choose: General Contractor Emphasis and Mechanical / Electrical Subcontractor Emphasis

GRADUATE CERTIFICATE IN CONSTRUCTION ENGINEERING AND MANAGEMENT
The department offers a 12-hour Graduate Certificate in Construction Engineering and Management. The graduate certificate is designed for professionals who have a bachelor’s degree in civil engineering, architecture, landscape architecture, interior design, or business and are seeking a senior management position in the construction industry

GRADUATE PROGRAMS (M.S.C.E., M.ENV.E, AND PH.D.)
Master’s and doctoral students in civil engineering may choose one or more of several areas of specialization, including environmental engineering, water resources engineering, structural engineering, wind engineering, engineering mechanics, geotechnical engineering, and highway engineering.

MASTER OF SCIENCE IN CIVIL ENGINEERING (M.S.C.E.)
Students specialize in one of the principal sub-disciplines of civil engineering listed above. Beginning in 2013, students may enroll in 150 hour programs that lead to both BSCE and MSCE degrees.

MASTER OF ENVIRONMENTAL ENGINEERING FIVE-YEAR PROGRAM (M.ENV.E.)
The master’s degree in environmental engineering is an ABET-accredited freshman-to-master’s degree program. It is a unique, design-oriented five-year advanced, professional degree program, qualifying its graduates for international accreditation.